

Serial Number: 09/911,261B

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.



1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/911,261B

DATE: 05/22/2003

TIME: 11:47:54

Input Set : A:\ptoms.txt

Output Set: N:\CRF4\05222003\I911261B.raw

5 <110> APPLICANT: Sera, Takashi
 7 <120> TITLE OF INVENTION: Zinc Finger Domain Recognition Code and Uses Thereof
 9 <130> FILE REFERENCE: 109845.135
 11 <140> CURRENT APPLICATION NUMBER: US 09/911,261B
 C--> 12 <141> CURRENT FILING DATE: 2000-07-21
 14 <150> PRIOR APPLICATION NUMBER: US 60/220,060
 15 <151> PRIOR FILING DATE: 2000-07-21
 17 <160> NUMBER OF SEQ ID NOS: 69
 19 <170> SOFTWARE: PatentIn version 3.0
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 32
 23 <212> TYPE: PRT
 24 <213> ORGANISM: Artificial Sequence
 26 <220> FEATURE:
 27 <223> OTHER INFORMATION: Zinc finger domain
 29 <220> FEATURE:
 30 <221> NAME/KEY: MISC_FEATURE
 31 <222> LOCATION: (1)..(32)
 32 <223> OTHER INFORMATION: Amino acids 1-3, 10-21 and 29-32 are Xaa wherein Xaa = any
 33 amino acid.
 35 <220> FEATURE:
 36 <221> NAME/KEY: VARIANT
 37 <222> LOCATION: (5)..(8)
 38 <223> OTHER INFORMATION: Amino acids 5-8 are Xaa wherein Xaa = any amino acid, and up
 39 to two can be missing.
 41 <220> FEATURE:
 42 <221> NAME/KEY: VARIANT
 43 <222> LOCATION: (23)..(27)
 44 <223> OTHER INFORMATION: Amino acids 23-27 are Xaa wherein Xaa = any amino acid, and
 up
 45 to two can be missing.
 47 <400> SEQUENCE: 1
 W--> 49 Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 50 1 5 10 15
 53 Xaa Xaa Xaa Xaa Xaa His Xaa Xaa Xaa Xaa His Xaa Xaa Xaa Xaa
 54 20 25 30
 57 <210> SEQ ID NO: 2
 59 <211> LENGTH: 32
 60 <212> TYPE: PRT
 61 <213> ORGANISM: Artificial Sequence
 63 <220> FEATURE:
 64 <223> OTHER INFORMATION: Zinc finger domain
 66 <220> FEATURE:
 67 <221> NAME/KEY: MISC_FEATURE

RAW SEQUENCE LISTING

DATE: 05/22/2003

PATENT APPLICATION: US/09/911,261B

TIME: 11:47:54

Input Set : A:\ptoms.txt

Output Set: N:\CRF4\05222003\I911261B.raw

68 <222> LOCATION: (1)..(32)

69 <223> OTHER INFORMATION: Amino acids 1-3, 10-14, 16, 19, 20 and 29-32 are Xaa wherein
Xaa = any

70 amino acid.

72 <220> FEATURE:

73 <221> NAME/KEY: VARIANT

74 <222> LOCATION: (5)..(8)

75 <223> OTHER INFORMATION: Amino acids 5-8 are Xaa wherein Xaa = any amino acid, and up
76 to two can be missing.

78 <220> FEATURE:

79 <221> NAME/KEY: VARIANT

80 <222> LOCATION: (23)..(27)

81 <223> OTHER INFORMATION: Amino acids 23-27 are Xaa wherein Xaa = any amino acid, and
up

82 to two can be missing.

84 <220> FEATURE:

85 <221> NAME/KEY: VARIANT

86 <222> LOCATION: (15)..(15)

87 <223> OTHER INFORMATION: Amino acid 15 is Xaa wherein Xaa = Z-1 wherein Z-1 = Arg or
Lys,

88 Gln or Asn, Thr, Met, Leu or Ile, or Glu or Asp.

90 <220> FEATURE:

91 <221> NAME/KEY: VARIANT

92 <222> LOCATION: (17)..(17)

93 <223> OTHER INFORMATION: Amino acid 17 is Xaa wherein Xaa = Z2 wherein Z2 = Ser or
Arg,

94 Asn, Gln, Thr, Val or Ala, or Asp or Glu.

96 <220> FEATURE:

97 <221> NAME/KEY: VARIANT

98 <222> LOCATION: (18)..(18)

99 <223> OTHER INFORMATION: Amino acid 18 is Xaa wherein Xaa = Z3 wherein Z3 = His or
Lys,

100 Asn or Gln, Ser, Ala or Met, or Asp or Glu.

102 <220> FEATURE:

103 <221> NAME/KEY: VARIANT

104 <222> LOCATION: (21)..(21)

105 <223> OTHER INFORMATION: Amino acid 21 is Xaa wherein Xaa = Z6 wherein Z6 = Arg or
Lys,

106 Gln or Asn, Thr, Tyr, Leu, Ile or Met, or Glu or Asp.

108 <400> SEQUENCE: 2

W--> 110 Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa

111 1 5 10 15

114 Xaa Xaa Xaa Xaa Xaa His Xaa Xaa Xaa Xaa His Xaa Xaa Xaa Xaa

115 20 25 30

118 <210> SEQ ID NO: 3

119 <211> LENGTH: 196

120 <212> TYPE: PRT

121 <213> ORGANISM: Artificial Sequence

123 <220> FEATURE:

124 <223> OTHER INFORMATION: Zinc finger protein

126 <400> SEQUENCE: 3

128 Val Pro Ile Pro Gly Lys Lys Lys Gln His Ile Cys His Ile Gln Gly

129 1 5 10 15

131 Cys Gly Lys Val Tyr Gly Gln Ser Ser Asp Leu Gln Arg His Leu Arg
132 20 25 30

RAW SEQUENCE LISTING

DATE: 05/22/2003

PATENT APPLICATION: US/09/911,261B

TIME: 11:47:54

Input Set : A:\ptoms.txt

Output Set: N:\CRF4\05222003\I911261B.raw

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134 Trp His Thr Gly Glu Arg Pro Phe Met Cys Thr Trp Ser Tyr Cys Gly
135          35          40          45
137 Lys Arg Phe Thr Arg Ser Ser Asn Leu Gln Arg His Lys Arg Thr His
138          50          55          60
140 Thr Gly Glu Lys Lys Phe Ala Cys Pro Glu Cys Pro Lys Arg Phe Met
141 65          70          75          80
143 Arg Ser Asp Glu Leu Ser Arg His Ile Lys Thr His Gln Asn Lys Lys
144          85          90          95
146 Asp Gly Gly Gly Ser Gly Lys Lys Lys Gln His Ile Cys His Ile Gln
147          100          105          110
149 Gly Cys Gly Lys Val Tyr Gly Thr Thr Ser Asn Leu Arg Arg His Leu
150          115          120          125
152 Arg Trp His Thr Gly Glu Arg Pro Phe Met Cys Thr Trp Ser Tyr Cys
153          130          135          140
156 Gly Lys Arg Phe Thr Arg Ser Ser Asn Leu Gln Arg His Lys Arg Thr
157 145          150          155          160
159 His Thr Gly Glu Lys Lys Phe Ala Cys Pro Glu Cys Pro Lys Arg Phe
160          165          170          175
162 Met Arg Ser Asp His Leu Ser Arg His Ile Lys Thr His Gln Asn Lys
163          180          185          190
165 Lys Gly Gly Ser
166          195
169 <210> SEQ ID NO: 4
170 <211> LENGTH: 99
171 <212> TYPE: PRT
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
176 <223> OTHER INFORMATION: Zinc finger protein
178 <400> SEQUENCE: 4
180 Val Pro Ile Pro Gly Lys Lys Lys Gln His Ile Cys His Ile Gln Gly
181 1          5          10          15
183 Cys Gly Lys Val Tyr Gly Thr Thr Ser Asn Leu Arg Arg His Leu Arg
184          20          25          30
186 Trp His Thr Gly Glu Arg Pro Phe Met Cys Thr Trp Ser Tyr Cys Gly
187          35          40          45
189 Lys Arg Phe Thr Arg Ser Ser Asn Leu Gln Arg His Lys Arg Thr His
190          50          55          60
192 Thr Gly Glu Lys Lys Phe Ala Cys Pro Glu Cys Pro Lys Arg Phe Met
193 65          70          75          80
195 Arg Ser Asp His Leu Ser Arg His Ile Lys Thr His Gln Asn Lys Lys
196          85          90          95
198 Gly Gly Ser
201 <210> SEQ ID NO: 5
202 <211> LENGTH: 99
203 <212> TYPE: PRT
204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Zinc finger protein
209 <400> SEQUENCE: 5

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RAW SEQUENCE LISTING

DATE: 05/22/2003

PATENT APPLICATION: US/09/911,261B

TIME: 11:47:54

Input Set : A:\ptoms.txt

Output Set: N:\CRF4\05222003\I911261B.raw

```

211 Met Glu Lys Leu Arg Asn Gly Ser Gly Asp Pro Gly Lys Lys Lys Gln
212 1          5          10          15
214 His Ala Cys Pro Glu Cys Gly Lys Ser Phe Ser Gln Ser Ser Asn Leu
215          20          25          30
217 Gln Arg His Gln Arg Thr His Thr Gly Glu Lys Pro Tyr Lys Cys Pro
218          35          40          45
220 Glu Cys Gly Lys Ser Phe Ser Arg Ser Ser His Leu Gln Gln His Gln
221          50          55          60
223 Arg Thr His Thr Gly Glu Lys Pro Tyr Lys Cys Pro Glu Cys Gly Lys
224 65          70          75          80
226 Ser Phe Ser Arg Ser Asp His Leu Ser Arg His Gln Arg Thr His Gln
227          85          90          95
229 Asn Lys Lys
233 <210> SEQ ID NO: 6
234 <211> LENGTH: 99
235 <212> TYPE: PRT
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Zinc finger protein
241 <400> SEQUENCE: 6
244 Met Glu Lys Leu Arg Asn Gly Ser Gly Asp Pro Gly Lys Lys Lys Gln
245 1          5          10          15
247 His Ala Cys Pro Glu Cys Gly Lys Ser Phe Ser Gln Ser Ser Asn Leu
248          20          25          30
250 Gln Arg His Gln Arg Thr His Thr Gly Glu Lys Pro Tyr Lys Cys Pro
251          35          40          45
253 Glu Cys Gly Lys Ser Phe Ser Glu Ser Ser Asp Leu Gln Arg His Gln
254          50          55          60
256 Arg Thr His Thr Gly Glu Lys Pro Tyr Lys Cys Pro Glu Cys Gly Lys
257 65          70          75          80
260 Ser Phe Ser Arg Ser Asp His Leu Ser Arg His Gln Arg Thr His Gln
261          85          90          95
263 Asn Lys Lys
267 <210> SEQ ID NO: 7
268 <211> LENGTH: 99
269 <212> TYPE: PRT
270 <213> ORGANISM: Artificial Sequence
272 <220> FEATURE:
273 <223> OTHER INFORMATION: Zinc finger protein
275 <400> SEQUENCE: 7
277 Met Glu Lys Leu Arg Asn Gly Ser Gly Asp Pro Gly Lys Lys Lys Gln
278 1          5          10          15
280 His Ala Cys Pro Glu Cys Gly Lys Ser Phe Ser Gln Ser Ser Asn Leu
281          20          25          30
283 Gln Arg His Gln Arg Thr His Thr Gly Glu Lys Pro Tyr Lys Cys Pro
284          35          40          45
286 Glu Cys Gly Lys Ser Phe Ser Arg Ser Ser His Leu Gln Glu His Gln
287          50          55          60
289 Arg Thr His Thr Gly Glu Lys Pro Tyr Lys Cys Pro Glu Cys Gly Lys

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RAW SEQUENCE LISTING

DATE: 05/22/2003

PATENT APPLICATION: US/09/911,261B

TIME: 11:47:54

Input Set : A:\ptoms.txt

Output Set: N:\CRF4\05222003\I911261B.raw

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291 65              70              75              80
293 Ser Phe Ser Arg Ser Asp His Leu Ser Arg His Gln Arg Thr His Gln
294              85              90              95
296 Asn Lys Lys
300 <210> SEQ ID NO: 8
301 <211> LENGTH: 99
302 <212> TYPE: PRT
304 <213> ORGANISM: Artificial Sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: Zinc finger protein
309 <400> SEQUENCE: 8
312 Met Glu Lys Leu Arg Asn Gly Ser Gly Asp Pro Gly Lys Lys Lys Gln
313 1              5              10              15
315 His Ala Cys Pro Glu Cys Gly Lys Ser Phe Ser Gln Ser Ser Asn Leu
316              20              25              30
318 Gln Arg His Gln Arg Thr His Thr Gly Glu Lys Pro Tyr Lys Cys Pro
319              35              40              45
321 Glu Cys Gly Lys Ser Phe Ser Glu Ser Ser Asn Leu Gln Arg His Gln
322              50              55              60
324 Arg Thr His Thr Gly Glu Lys Pro Tyr Lys Cys Pro Glu Cys Gly Lys
325 65              70              75              80
327 Ser Phe Ser Arg Ser Asp His Leu Ser Arg His Gln Arg Thr His Gln
328              85              90              95
330 Asn Lys Lys
334 <210> SEQ ID NO: 9
335 <211> LENGTH: 99
336 <212> TYPE: PRT
337 <213> ORGANISM: Artificial Sequence
339 <220> FEATURE:
340 <223> OTHER INFORMATION: Zinc finger protein
342 <400> SEQUENCE: 9
344 Met Glu Lys Leu Arg Asn Gly Ser Gly Asp Pro Gly Lys Lys Lys Gln
345 1              5              10              15
347 His Ala Cys Pro Glu Cys Gly Lys Ser Phe Ser Gln Ser Ser Asn Leu
348              20              25              30
350 Gln Arg His Gln Arg Thr His Thr Gly Glu Lys Pro Tyr Lys Cys Pro
351              35              40              45
353 Glu Cys Gly Lys Ser Phe Ser Arg Ser Ser Asn Leu Gln Glu His Gln
354              50              55              60
356 Arg Thr His Thr Gly Glu Lys Pro Tyr Lys Cys Pro Glu Cys Gly Lys
357 65              70              75              80
359 Ser Phe Ser Arg Ser Asp His Leu Ser Arg His Gln Arg Thr His Gln
360              85              90              95
362 Asn Lys Lys
366 <210> SEQ ID NO: 10
367 <211> LENGTH: 99
368 <212> TYPE: PRT
369 <213> ORGANISM: Artificial Sequence
371 <220> FEATURE:

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/911,261B

DATE: 05/22/2003
TIME: 11:47:55

Input Set : A:\ptoms.txt
Output Set: N:\CRF4\05222003\I911261B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,2,3,5,6,7,8,10,11,12,13,14,15,16,17,18,19,20,21,23,24,25
Seq#:1; Xaa Pos. 26,27,29,30,31,32
Seq#:2; Xaa Pos. 1,2,3,5,6,7,8,10,11,12,13,14,15,16,17,18,19,20,21,23,24,25
Seq#:2; Xaa Pos. 26,27,29,30,31,32
Seq#:13; Xaa Pos. 13,15,16,19
Seq#:30; Xaa Pos. 15
Seq#:31; N Pos. 7,8,9,10
Seq#:32; N Pos. 15,16,17
Seq#:33; N Pos. 15,16,17
Seq#:34; N Pos. 15,16,17
Seq#:35; N Pos. 15,16,17
Seq#:36; N Pos. 46,47,48,52,53,54,55,56,57
Seq#:37; N Pos. 37,38,39,46,47,48,49,50,51,55,56,57
Seq#:38; N Pos. 46,47,48,52,53,54,55,56,57
Seq#:39; N Pos. 37,38,39,46,47,48,49,50,51,55,56,57
Seq#:40; N Pos. 46,47,48,52,53,54,55,56
Seq#:41; N Pos. 28,29,30,37,38,39,40,41,42,46,47,48
Seq#:68; Xaa Pos. 13,15,16,19
Seq#:69; Xaa Pos. 13,15,16,19

VERIFICATION SUMMARY

DATE: 05/22/2003

PATENT APPLICATION: US/09/911,261B

TIME: 11:47:55

Input Set : A:\ptoms.txt

Output Set: N:\CRF4\05222003\I911261B.raw

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:49 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
M:341 Repeated in SeqNo=1
L:110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
M:341 Repeated in SeqNo=2
L:572 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
M:341 Repeated in SeqNo=13
L:817 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:867 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:902 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:919 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
L:937 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
L:954 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
L:971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
L:989 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
L:1007 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:1025 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0
L:1370 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:0
M:341 Repeated in SeqNo=68
L:1411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69 after pos.:0
M:341 Repeated in SeqNo=69

Does Not Comply
Corrected Diskette Needed



1600

RAW SEQUENCE LISTING

DATE: 05/21/2003

PATENT APPLICATION: US/09/911,261B

TIME: 14:55:40

Input Set : A:\109845.135

Output Set: N:\CRF4\05212003\I911261B.raw

5 <110> APPLICANT: Sera, Takashi
 7 <120> TITLE OF INVENTION: Zinc Finger Domain Recognition Code and Uses Thereof
 9 <130> FILE REFERENCE: 109845.135
 11 <140> CURRENT APPLICATION NUMBER: US 09/911,261B
 12 <141> CURRENT FILING DATE: 2001-07-23
 14 <150> PRIOR APPLICATION NUMBER: US 60/220,060
 15 <151> PRIOR FILING DATE: 2000-07-21
 17 <160> NUMBER OF SEQ ID NOS: 69
 19 <170> SOFTWARE: PatentIn version 3.0

ERRORED SEQUENCES

1376 <210> SEQ ID NO: 69
 1377 <211> LENGTH: 28
 1378 <212> TYPE: PRT
 1379 <213> ORGANISM: Artificial Sequence
 1381 <220> FEATURE:
 1382 <223> OTHER INFORMATION: Zinc finger domain
 1384 <220> FEATURE:
 1385 <221> NAME/KEY: VARIANT
 1386 <222> LOCATION: (13)..(13)
 1387 <223> OTHER INFORMATION: Amino acid 13 is "Xaa" wherein "Xaa" = Z1 wherein Z1 = Arg,
 Gln,
 1388 Thr, Met, or Glu
 1390 <220> FEATURE:
 1391 <221> NAME/KEY: VARIANT
 1392 <222> LOCATION: (15)..(15)
 1393 <223> OTHER INFORMATION: Amino acid 15 is "Xaa" wherein "Xaa" = Z2 wherein Z2 = Ser,
 Asn,
 1394 Thr, or Asp.
 1396 <220> FEATURE:
 1397 <221> NAME/KEY: VARIANT
 1398 <222> LOCATION: (16)..(16)
 1399 <223> OTHER INFORMATION: Amino acid 16 is "Xaa" wherein "Xaa" = Z3 wherein Z3 = His,
 Asn,
 1400 Ser, or Asp
 1402 <220> FEATURE:
 1403 <221> NAME/KEY: VARIANT
 1404 <222> LOCATION: (19)..(19)
 1405 <223> OTHER INFORMATION: Amino acid 19 is "Xaa" wherein "Xaa" = Z6 wherein Z6 = Arg,
 Gln,
 1406 Thr, Tyr, Leu, or Glu.
 1408 <400> SEQUENCE: 69

W--> 1411 Pro Tyr Lys Cys Pro Glu Cys Gly Lys Ser Phe Ser Xaa Ser Xaa Xaa
1412 1 . 5 10 15
1414 Leu Ser Xaa His Gln Arg Thr His Thr Gly Glu Lys

RAW SEQUENCE LISTING

DATE: 05/21/2003

PATENT APPLICATION: US/09/911,261B

TIME: 14:55:40

Input Set : A:\109845.135

Output Set: N:\CRF4\05212003\I911261B.raw

1415
E--> 1424 107
E--> 1427 96

20

25

*remove
extra material at end of file*

VERIFICATION SUMMARY

DATE: 05/21/2003

PATENT APPLICATION: US/09/911,261B

TIME: 14:55:41

Input Set : A:\109845.135

Output Set: N:\CRF4\05212003\I911261B.raw

L:49 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
M:341 Repeated in SeqNo=1
L:110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
M:341 Repeated in SeqNo=2
L:572 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
M:341 Repeated in SeqNo=13
L:817 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:867 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:902 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:919 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
L:937 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
L:954 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
L:971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
L:989 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
L:1007 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:1025 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0
L:1370 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:0
M:341 Repeated in SeqNo=68
L:1411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69 after pos.:0
M:341 Repeated in SeqNo=69
L:1424 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:69
M:332 Repeated in SeqNo=69